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KINGSCLERE AND WHITCHURCH RURAL DISTRICT

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ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

1971

KINGSCLERE AND WHITCHURCH RURAL DISTRICT COUNCIL

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THE MEDICAL OFFICER OF HEALTH

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KINGSCLERE AND WHITCHURCH RURAL DISTRICT COUNCIL

1971

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KINGSCLERE AND WHITCHURCH RURAL DISTRICT COUNCIL

PUBLIC HEALTH DEPARTMENT

Staff

Medical Officer of Health

A. A. G. Carson, M.B., B.Ch., B.A.O., D.P.H.

Chief Public Health Inspector

J. W. Bolton, M.A.P.H.I. - from 1.4.71

Public Health Inspector

L. D. Cowell, M.A.P.H.I. - from 11.1.71

Student Public Health Inspector

J. E. Pattern

Technical Assistant (Grants)

J. M. Beck

Medical Officer of Health's Secretary (Andover)

Miss A. M. Sainsbury - to 17.9.71
Miss T. S. Pollard - from 1.10.71

Clerk/Typist

Mrs. S. F. Liddiard - from 1.4.71

Rodent Officer

R. Jones

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To the Chairman and Members of the Kingsclere & Whitchurch Rural District Council

Madam Chairman, Ladies and Gentlemen,

I have the honour to present my Annual Report on the health and sanitary circumstances of your district for the year 1971.

The estimated mid-year population of the district decreased by 140, to 28,110.

The majority of infectious diseases was due to measles, even though measles vaccination was commenced in April 1968. Initially this was confined to children under 7 years, but was later extended to include children up to 15 years. It is worth noting that in 1967 633 cases of measles were notified.

Vaccination against German Measles has been extended to include girls from 11 to 14 years.

I am happy to report that all samples of water taken from the area at Headley where cyanide contaminated material was dumped have been negative.

In April 1971 the Public Health Department was separated from the Surveyor's Department and Mr. Bolton became the Chief Public Health Inspector. During the nine months since its inception, the foundations of a viable unit have been laid and a working system set up to produce efficient operation in coming years. There has been an increase in the number of visits of nearly 83% over the 1970 figures due to continuous staff during the year.

I should like to thank the Chief Public Health Inspector and the staff of his and my Departments for their help in the compilation of this report.

I have the honour to be,

Madam Chairman, Ladies and Gentlemen,

Your obedient servant

A. A. G. CARSON

Medical Officer of Health

GENERAL STATISTICS

Area : 77,392 acres

Population : The estimated mid-year population was 28,110.

The population trend of the Kingsclere and Whitchurch Rural District is as follows :

1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
23,710	24,670	25,230	25,690	26,170	26,730	27,320	27,660	28,250	28,110

The total number of deaths in 1971 was 236; the number of births was 534, showing a natural increase of births over deaths of 298.

The rateable value of the District was : £938,841

The product of the penny rate was : £9,008

The number of inhabited houses was : 9,382

VITAL STATISTICS

Births

The Registrar General's figure for live and still-births in the Kingsclere & Whitchurch Rural District in 1971 were 534 and 3 respectively.

Table showing Legitimate and Illegitimate Live Births for 1971

Live-Births	Males	Females	Total
Legitimate	256	256	512
Illegitimate	10	12	22
Total	266	268	534

Table showing Still Births for 1971

Still-Births	Males	Females	Total
Legitimate	1	1	2
Illegitimate	0	1	1
Total	1	2	3

Live Birth Rate

The crude live birth rate per 1,000 of the population was 19.0. The corrected live birth rate (using a comparability factor of 0.98) was 18.6 compared with a rate of 16.0 for England & Wales, and 17.5 for the Administrative County of Hampshire. The ratio of the local adjusted rate to the national rate was 1.16 to 1.00.

Table showing Corrected Live Birth Rates for the period 1962 - 1971

Year	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Rate per Thousand	19.9	21.0	17.7	21.8	20.2	23.2	24.5	16.4	18.8	18.6

Illegitimate Births

The number of illegitimate births was 22 compared with 37 in 1970, 22 in 1969, 48 in 1968, 30 in 1967, 33 in 1966 and 30 in 1965. A better comparison is the percentage of illegitimate births to total live births, which was 4.0% compared with 5.3% in 1965, 6.1% in 1966, 5.5% in 1967, 7.5% in 1968, 5.0% in 1969 and 7.0% in 1970. In England & Wales the rate was 8.0 and in the Administrative County of Hampshire it was 6.0.

Still Births

There were 3 still births, giving a still birth rate per 1,000 total live and still births of 6.0 compared with 8.7 in 1965, 5.5 in 1966 and 1967, 10.8 in 1968, 4.0 in 1969 and 7.0 in 1970. The still birth rate for England & Wales and for Hampshire in 1971 was 12.0.

Infant Deaths

There were ten infant deaths under the age of one year in 1971. Of these, six died in the first week of life and the remaining four before their first birthdays.

Table showing Infant Deaths in 1971

	Under 1 year		Under 4 weeks		Under 1 week	
	Males	Females	Males	Females	Males	Females
Legitimate	7	2	5	0	5	0
Illegitimate	1	0	1	0	1	0
Total	10		6		6	

Causes of Death were :

Acute Bronchiolitis	1	Pneumonia	1
Broncho Pneumonia	1	Prematurity	4
Gastro-enteritis	1	Hydrocephalus	2

Infant Mortality Rate

This is calculated as the total infant deaths under 1 year, per 1,000 live births and for 1971 was 19.0. For England and Wales in 1971 the Infant Mortality Rate was 18.0 and for the Administrative County of Hampshire it was 15.0.

Infant Mortality Rates for period 1965 - 1971

1965	1966	1967	1968	1969	1970	1971
8.8	20.4	9.2	8.9	4.0	11.0	19.0

Legitimate Mortality Rate

The legitimate infant mortality rate per 1,000 legitimate births was 18.0. For England & Wales it was 17.0.

Illegitimate Infant Mortality Rate

The illegitimate infant mortality rate per 1,000 illegitimate live births was 45.0. For England & Wales it was 24.0.

Neonatal Mortality Rate

This is the number of deaths of infants under four weeks of age per 1,000 live births and for the year under review was 11.0, compared with 7.0 in 1965, 9.3 in 1966, 3.7 in 1967, 5.3 in 1968, 2.0 in 1969 and 8.0 in 1970. In England & Wales the rate was 12.0.

Early Neonatal Mortality Rate

This is the number of deaths of infants under 1 week per 1,000 live births and for 1971 was 11.0 compared with 7.0 in 1965, 9.3 in 1966, 1.8 in 1967, 5.3 in 1968, zero in 1969 and 8.0 in 1970. In England & Wales it was 10.0.

Perinatal Mortality Rate

This rate is the combined number of deaths of infants under one week and still births per 1,000 total live births and still births and was 17.0 compared with 15.6 in 1965, 14.8 in 1966, 7.3 in 1967, 15.8 in 1968, 4.0 in 1969 and 15.0 in 1970. It was 22.0 in England and Wales.

Maternal Deaths

There were no maternal deaths from pregnancy or childbirth, giving a Maternal Mortality Rate of zero for 1971. It was also zero for 1965, 1966, 1967, 1968, 1969 and 1970.

The total number of deaths in 1971 was 236.

Disease of the heart accounted for 68 deaths - they caused 28.8% of all deaths.

Ischaemic Heart Disease caused 45 deaths, giving a figure of 19.1% of all deaths.

Cerebro-vascular disease with 32 deaths gave a percentage figure of 13.6%.

If all deaths due to disease of the heart and circulatory system (which includes cerebro-vascular disease) are totalled, a figure of 113 deaths is arrived at - thus causing 47.8% of all deaths in the district.

Cancer caused 60 deaths, giving a figure of 25.4% of deaths. Cancer of the lung and bronchus (all in males) caused 13 deaths, or in other words, 21.6% of all cancer deaths were caused by cancer of the lung and bronchus.

Accidents and suicides caused 15 deaths; 6 involved motor vehicles.

Crude Death Rate per 1,000 estimated population	: 8.4
Corrected Death Rate (using a comparability factor of 1.13) per 1,000 estimated population	: 9.5
Corrected Death Rate per 1,000 estimated population of the Administrative County of Hampshire	: 9.8
Death Rate per 1,000 estimated population of England and Wales	: 11.6
Ratio of local adjusted rate to National Rate	: 0.82 to 1.00

Deaths from all Causes

The Registrar General has recorded the following deaths and they are classified under the International Abbreviated List of Causes (B list) from the manual of the Eighth Revision of the International Classification of Diseases, 1965.

Where headings are omitted from the table there were no deaths due to those causes.

Cause of Death B	Sex	Total all Ages	Under 4 weeks	4 wks and under 1 yr.	Age in Years 1-	5-	15-	25-	35-	45-	55-	65-	75 or
4 Enteritis and other Diarrhoeal Diseases	M	1		1									
5 Tuberculosis of Respiratory System	F	1									1		
6(1) Late Effects of Respiratory Tuberculosis	M	1							1				
19(1) Malignant Neoplasm - Buccal Cavity etc.	F	1										1	
19(2) Malignant Neoplasm - Oesophagus	M F	1 2									 2	1	
19(3) Malignant Neoplasm - Stomach	M F	4 1									1	1	
19(4) Malignant Neoplasm - Intestine	M F	4 4									2	2 1	
19(5) Malignant Neoplasm - Larynx	M	1											
19(6) Malignant Neoplasm - Lung, Bronchus	M	13								1	3	7	
19(7) Malignant Neoplasm - Breast	F	5							1		3	1	
19(8) Malignant Neoplasm - Uterus	F	2										2	
19(9) Malignant Neoplasm - Prostate	M	3										1	

Table Continued

Cause of Death	Sex	Total all Ages	Under 4 weeks	4 wks and under 1 yr.	Age in Years								
					1-	5-	15-	25-	35-	45-	55-	65-	75& over
11) Other Malignant Neoplasms	M	8									1	5	2
	F	11							2	4	3		2
Diabetes Mellitus	F	3								1		1	1
Anaemias	M	1											1
Chronic Rheumatic Heart Disease	M	2									1	1	
	F	2								1			1
Hypertensive Disease	M	3							1			1	1
	F	1											1
Ischaemic Heart Disease	M	25								4	5	8	8
	F	20									3	7	10
Other Forms of Heart Disease	M	7									1	3	3
	F	8										4	4
Cerebrovascular Disease	M	10									1	3	6
	F	22								1	2	7	12
Pneumonia	M	10								2	1	1	6
	F	6		1									5
1) Bronchitis & Emphysema	M	8									3	3	2
	F	2											2
Congenital Anomalies	M	5	3	1	1								
Birth Injury, Difficult Labour etc.	M	3	3										
1) Other Endocrine etc. Diseases	M	1						1					
2) Other Diseases of Blood etc.	M	1										1	
3) Mental Disorders	F	1										1	
5) Other Diseases of Nervous System	F	2		1	1								
6) Other Diseases of Circulatory System	M	9									2	3	4
	F	4										1	3
9) Other Diseases, Genito-Urinary System	M	1											1
	F	1											1

Table Continued

Cause of Death B	Sex	Total all Ages	Under 4 weeks	4 wks and under 1 yr.	Age in Years 1-	5-	15-	25-	35-	45-	55-	65-	c
47 Motor Vehicle Accidents	M F	2 4								1 3	1		
48 All Other Accidents	M F	2 3					1 1				1		
49 Suicide & Self-Inflicted Injuries	M	3						1	1	1			
50 All Other External Causes	F	1											
Total All Causes	M F	129 107	6 -	2 2	1 1	- -	- -	3 1	3 3	9 10	23 14	41 26	1 0

COMMUNICABLE DISEASES

The number of infectious diseases notified in 1971 in the Kingsclere and Whitchurch Rural District was 133.

Table showing number and types of infectious diseases notified :

Diseases	Number
Food Poisoning	1
Infective Hepatitis	1
Leptospirosis	1
Measles	127
Tuberculosis	3
Total	133

Measles

The following table shows the distribution of measles in age groups :-

	Under 1 yr.	1+	2+	3+	4+	5-9	10-14	15-25	25+	Age un-known	Total
Males	2	2	7	6	9	38	1	-	-	3	68
Females	3	2	5	2	4	38	2	-	1	2	59
Total	5	4	12	8	13	76	3	-	1	5	127

Tuberculosis

There were three new cases of tuberculosis in the district in 1971. In addition there was 1 inward transfer to the district. There were three cases removed from the Register as one patient had moved to another area and two died.

Tuberculosis in Kingsclere & Whitchurch Rural District in 1971

	Pulmonary		Non-Pulmonary		Total
	Male	Female	Male	Female	
New Cases	0	0	1	2	3
Inward Transfers	1	0	0	0	1
Number on Register as at 31.12.71	101	71	15	26	213
	172		41		

VACCINATION AND IMMUNISATION

Poliomyelitis

Vaccination against poliomyelitis was offered to all persons under 40 years of age. The vaccine generally used is the oral (Sabin) type of vaccine which is easier to administer to children. It is important to ensure that the highest possible acceptance rate, especially among young children, is maintained.

The following table shows the number of persons under 16 years immunised against poliomyelitis in 1971 in the Kingsclere and Whitchurch Rural District.

Age Groups	Numbers Immunised
Children born in 1971	9
" " " 1970	382
" " " 1969	111
" " " 1968	30
" " " 1967 - 64	11
Others under 16 years	3
Reinforcing doses under 16 years	474
Total	1,020

Measles Vaccination

Vaccination against measles began in April 1968, and was confined to children under 7 years. In November 1968 this was extended to children up to 15 years of age. Cases of measles notified from 1967 to 1971 were :-

1967	633	1970	68
1968	95	1971	127
1969	10		

In 1971, 802 children under 16 years were vaccinated against measles.

Smallpox Vaccination

The following table shows the number of vaccinations of age groups under 16 years, carried out in the Kingsclere and Whitchurch Rural District in 1971.

Age at Date of Vaccination	Primary	Re-vaccination
0 - 3 months	-	
4 - 6 months	-	
7 - 9 months	-	
10 - 12 months	2	
1 year	113	
2 - 6 years	197	2
7 - 16 years	12	31

Diphtheria, Tetanus and Whooping Cough Vaccination

The most frequently used agent in Triple Antigen which contains antigens of diphtheria, tetanus and whooping cough. This reduces the number of injections necessary, which are usually commenced when the infant is about three months old. The antigens, given combined in a single vaccine, produce a greater protection to each disease than they would if given separately.

The following table shows the completed courses and booster doses given in 1971.

Type of Antigen	Primary Course	Booster Course
Triple	527	61
Diphtheria/Tetanus	21	439

German Measles Vaccination

Vaccination is now offered to girls from 11 to 14 years. 368 girls were protected in 1971 in the Kingsclere & Whitchurch Rural District.

B.C.G. Vaccination

This is offered to all children, on reaching the age of thirteen years, by the County Council.

The following table gives more information by schools of B.C.G. vaccination in 1971.

School	Number Heaf Tested	Number Absent at B.C.G. Session	Positive	Negative	B.C.G. Vaccinated
Whitchurch County Secondary	133	14	5	114	114
The Clere, Burghclere	152	11	12	129	128
The Hurst, Baughurst	188	16	21	151	151

COUNTY HEALTH SERVICES
for 1971

Area Nursing Officer	:	Miss M. Addy
Health Visitors	:	Mrs. T. Annals Mrs. P. Walker Miss W. Copestake Mrs. E. Crone Miss B. Butler
District Nurse/Midwives	:	Miss E. M. Smith Miss B. Smith - to August 71 Mrs. A. Lockey Miss O. Jepps Mrs. M. James Mrs. M. Cooper Mrs. A. Jeffs Mrs. B. Tofield - from 1.8.71 Mrs. M. Kieren - from 15.11.71
District Nurses	:	Mrs. D. Roberts Mrs. J. Childs Mrs. C. A. Snook (part-time)

CHILD HEALTH CLINICS

Burghclere	Parish Hall	4th Thursday
Burnham Copse	Community Centre, Tadley	Each Wednesday
Kingsclere	The Village Club	1st & 3rd Thursday
Overton	St. Mary's Hall	Each Friday
Tadley	Memorial Hall	2nd, 3rd, 4th & 5th Tuesday
Ecchinswell	Village Hall	2nd Tuesday
Woolton Hill	Church Hall	3rd Wednesday
Bishops Green	Social Centre	2nd Thursday
Whitchurch	The Surgery	Each Monday

HOME HELP SERVICES

KINGSCLERE & WHITCHURCH RURAL DISTRICT

Annual Statistics 1971

	Cases Brought Forward	New Cases	Total Cases Received	Completed	Still Receiving Help
Maternity	-	12	12	12	-
Emergency Sickness	-	-	-	-	-
Post Hospital	-	7	7	5	2
Child Care	-	1	1	-	1
Mentally Disordered	-	1	1	1	-
Chronic	10	2	12	4	8
Tuber-culosis	-	-	-	-	-
Aged, Sick & Infirm	53	33	86	16	70
Special	1	-	1	1	-
Total	64	56	120	39	81

On the Register at the end of the year there were 22 Home Helps; during the year 12 new Helps were engaged and 9 resigned. There were 8 Good Neighbours on the Register.

SUMMARY OF VISITS

Animal Boarding Establishments	8
Atmospheric Pollution	33
Caravans and Sites	87
Drainage	68
Factories	38
Food Premises, inspection and sampling	157
Housing	1,940
Infectious & Notifiable Diseases (including food poisoning)	65
Noise Abatement	42
Offices, Shops and Railway Premises	138
Petroleum Storage	161
Public Health - Nuisances etc.	789
Rodent Control	39
Swimming Baths, including sampling	88
Water Supplies, including sampling	147
Miscellaneous	456
Total	4,256

These figures do not include the work done by the Rodent Officer. A summary of this work appears later in the Report.

COMPLAINTS

One hundred and eighty-four complaints were received, in the following categories :-

Housing Matters	60
Drainage	44
Air Pollution	21
Animals kept so as to be a nuisance	13
Food Matters	11
Caravans	8
Noise	7
Manure Storage	6
Petroleum Matters	5
Deposits of Rubbish	4
Miscellaneous	5
Total	184

Sixteen of the Housing matters were about dampness, the majority of which were found to be caused by condensation. The early part of 1971 appeared to cause more trouble with condensation than can be remembered. Most of the remaining Housing matters were referred by the Housing Manager.

INFORMAL NOTICES

One hundred and seventy informal notices were served, as detailed below :-

Petroleum Storage	68
Housing Matters	26
Drainage	21
Food and Hygiene	15
Air Pollution	9
Animals kept so as to be a nuisance	7
Caravans	6
Factories	6
Manure Storage	5
Noise	2
Offices, Shops & Railway Premises	2
Miscellaneous	3
Total	170

Few informal notices resulted in the service of statutory notices. The majority of the notices regarding petroleum storage were in relation to contraventions of the licence conditions found on routine inspections.

HOUSING

Housing Act, 1957

The following action was taken in respect of unfit houses during the year.

Number of houses closed	3
Number of houses demolished	9
Number of persons displaced	7
Number of families displaced	4
Number of unfit houses made fit	3

Whilst these figures show a slight increase over the previous year's they are still low for an area of this size. This can possibly be accounted for by two reasons :-

(1) The number of houses improved with the aid of a grant in recent years.

(2) The need for a detailed survey of the area which cannot be undertaken at present with only two Public Health Inspectors to deal with all matters.

A survey of 129 empty houses in the district was carried out and it was found that :-

49 needed a detailed inspection

20 needed an inspection with a view to persuading the owner to apply for grant.

Only 36 of these 129 reported empty houses have been dealt with so far due to limited resources. However, it is hoped that more can be done during 1972.

Details of the above 36 houses are as follows :-

Improvement Grant work completed	13
Improvement Grant work now in progress	10
Demolished (including 1 without action)	5
Proposals to improve received	2
Made fit without grant (made into 1 house)	2
Burnt down	1
Closed	1
Reported closed now found demolished	1
Extension of time allowed to make fit	1

It must be realised that the 13 improvement grants completed were all in progress at the time the report was submitted in June. Also 7 of the 10 reported in progress at the end of the year had been started in June.

IMPROVEMENT GRANTS

There has been little variation in the total number and value of grants approved during the year. However, there was a slight swing towards standard grants which was unfortunate in that one can only think of these as "improved" rather than "modernised" houses.

Publicity by way of talks to Womens Institutes and other organisations was carried out during the early part of 1971 and it is hoped to give more publicity to this subject during the current year.

The statistical details are as follows :-

DISCRETIONARY & STANDARD GRANTS

Details for 1971 are given below. Figures in brackets are for 1970.

Number of Discretionary Grants approved : 48 (60) £32,122.88
Number of Standard Grants approved : 23 (19) £ 6,669.47

Number of grants for each Parish :-

	Discretionary Grants	Standard Grants
Ashmansworth	0	0
Baughurst	4	1
Burghclere	2	1
East Woodhay	4	2
Ecchinswell & Sydmonton	3	1
Highclere	2	0
Hurstbourne Priors	0	0
Kingsclere	11	3
Laverstoke	0	0
Litchfield & Woodcott	0	0
Newtown	2	0
Overton	4	7
St. Mary Bourne	5	1
Tadley	4	2
Whitchurch	7	5
	48	23

Number of properties owner/occupied :-

	Number	Value
Discretionary Grants	36	£23,738.90
Standard Grants	12	£ 3,093.15

Number of properties with controlled tenancies :-

	Number	Value
Discretionary Grants	Nil	Nil
Standard Grants	4	£ 1,800.00

The remaining properties were either vacant or the subject of non-controlled tenancies at the time of grant approval.

Future Needs

It is strongly felt by Public Health Inspectors that the "twelve point standard" used in relation to discretionary grants should be applied as the standard of a fit house as soon as possible.

Another valuable change in the Law would be for a temporary Closing Order to be made in respect of an unfit house to avoid it being re-occupied during the long process the Council is obliged to adopt for legally enforcing closure or the making of a Demolition Order.

CARAVAN SITES

Details of licensed caravan sites in the area are as follows. All are privately owned sites and used for residential purposes.

1. Number of site licences operating as at 31st December 1971:-

   (a) Individual 28
   (b) Multiple (more than 3) 1

2. Total number of caravans 48

3. Number of contraventions of the Act dealt with informally 6

There were no legal proceedings.

One exempted organisation has issued a certificate for the use of members with touring caravans.

FOOD

Registrations

Premises used for the manufacture or sale of ice-cream and the manufacture of sausages, pressed meats etc. have to be registered.

Registrations applicable in the district are as follows :-

Sale of ice-cream	72
Manufacture of sausages etc.	19

Food Hygiene (General) Regulations, 1970

These Regulations came into force during 1971. They replaced and slightly increased the scope of the Regulations of 1960. It was not possible to inspect all premises during the year.

The Department of Health and Social Services require to know the numbers of food premises in the district; accordingly these figures are given below :-

Hotels and Public Houses	47
Grocers and General Stores	46
School Canteens and Kitchens	22
Butchers	19
Village Halls etc.	12
Cafes and Restaurants	11
Greengrocers	8
Sweet Shops	8
Confectioners	6
Fish and Chip Shops	5
Clubs etc.	4
Bakehouses	4
Wine Merchants	4
Factory Canteens	3
Garages selling ice-cream etc.	3
Dairy Products	2
Food Producing Factories	1
Grocers/Greengrocers	1
Total	206

Unsound Food

The following items of food were voluntarily surrendered as being unfit for human consumption and were destroyed :-

Frozen Foods	1 cwt 11 lb
Fish	42 lb
Carcass Meat	39 lb
Canned Meats	10 lb
Cooked Meats	6 lb
Total :	1 cwt 108 lb

Ice-Cream

Samples of the various makes sold in the District were taken during the year. The details are :-

Samples Taken	Grade 1	Grade 2	Grade 3	Grade 4
16	15	1	0	0

The unsatisfactory sample was only grade 2. The reason was quickly traced to unsatisfactory sterilisation of the scoop and this was dealt with informally.

Milk and Dairies

There are 17 premises in the area licensed for the sale of designated milk. The designations are divided as follows :-

Sterilised
Pasteurised
U.H.T. (Ultra Heat Treated)

Only one dairy pasteurises and bottles milk in the district.

The following samples were taken during the year :-

Product	Satisfactory	Unsatisfactory	Total
Pasteurised Milk	21	0	21
Channel Island Pasteurised	20	0	20
Sterilised Milk	3	0	3
U.H.T. Milk	1	0	1
	45	0	45

	Satisfactory	Unsatisfactory	Total
Sets of washed bottles (6 per set)	5	2	7
Single washed bottles	1	1	2

The unsatisfactory washed bottles did not result in unsatisfactory reports of the milk taken from the dairy at the same time. Further sampling of bottles, milk and the water used at various stages in the washing machine enabled the fault to be traced and corrected.

This was only the third time in the last fifteen years that unsatisfactory bottles had been reported from this dairy. The fullest co-operation of the dairyman was received in our investigation.

The sampling of pasteurised milk and washed bottles is now on a regular basis and it is intended that sampling of sterilised and U.H.T. milk will also be carried out regularly in 1972.

Since the production of U.H.T. milk commenced, many shops have found this to be a saleable commodity in view of its long keeping life (six months), convenient packaging in waxed non-returnable cartons and a last sale date on each carton. However, not all shopkeepers realise that they must be licensed. Checks are being made to legalise the position.

One prosecution was taken against a dairy for supplying milk in a dirty bottle. The company pleaded guilty and was fired £25.00.

Knackers Yards

There is one knackers yard in the district. This is a small concern and the "meat" produced is either sterilised on the premises by boiling for up to five hours or transported in locked vehicles to a pet food manufacturer's premises.

Slaughtermen

Three men are licensed slaughtermen. Two work at the knackers yard and the other man slaughters cottagers' pigs for their own consumption.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

A Guide to the requirements of the Act was issued during the year.

The figures submitted to the Department of Employment are as follows :-

Class of Premises	Number of Premises newly registered during the year	Total Number of registered premises at the end of the year	Number of registered premises receiving a general inspection during the year
Offices	4	37	27
Retail Shops	10	95	77
Wholesale Shops & Warehouses	0	0	0
Catering Establishments open to public : Canteens	1	7	1
Fuel Storage Depots	0	3	2
Total	15	142	107

Number of visits of all kinds (including general inspections) to registered premises : 118.

Analysis of persons employed in registered premises, by workplace :-

Class of Workplace	Number of Persons Employed
Offices	110
Retail Shops	368
Wholesale Departments, Warehouses	0
Catering Establishments open to the public	46
Canteens	0
Fuel Storage Depots	21
Total :	545 Males : 157 Females : 388

Despite this Act being almost nine years old many employers do not realise that if they open new premises they have to register the number of persons employed with the Local Authority.

ANIMAL BOARDING ESTABLISHMENTS

There are three licensed premises in the area, two of which board dogs and cats and the third dogs only. The total numbers of animals which can be boarded are 126 dogs and 70 cats.

GAME DEALERS LICENCES

Thirteen licences were renewed during the year. No applications were received for new licences.

PETROLEUM STORAGE

Eighty-four licences were in force at the end of the year, covering the storage of almost 170,000 gallons of petroleum spirit or mixtures.

Most licensed premises were inspected during the year. Two suspected leakages were investigated and one spillage was reported.

A few disused petrol tanks were traced and action to make them safe was taken.

WATER SUPPLIES

The Department of Health and Social Security require the following figures to be included in this report :-

Parish	Served by Mains Water piped into houses		Served by Mains Water from stand pipes	
	Dwellings	Population	Dwellings	Population
Ashmansworth	60	150	-	-
Baughurst	732	2,045	-	-
Burghclere	319	798	-	-
East Woodhay	611	1,679	-	-
Ecchinswell & Sydmonton	243	603	2	3
Highclere	183	458	-	-
Hurstbourne Priors	84	231	-	-
Kingsclere	1,261	3,783	5	5
Laverstoke	102	279	-	-
Litchfield & Woodcott	-	-	-	-
Newtown	85	213	-	-
Overton	1,052	3,157	-	-
St. Mary Bourne	326	895	-	-
Tadley	2,236	6,709	-	-
Whitchurch	1,036	3,099	-	-
Totals :	8,330	24,099	7	8

These figures show that 85.73% of the population are served by mains water piped into their houses.

The Southampton Water Department supply the greater part of the District, with Thames Valley and Mid-Wessex Water Boards serving the remainder.

All the water is of good quality but the quantity and pressure has still to be improved in the Tadley area. Two complaints of low pressure and discolouration were referred to the water board.

The supply used by Southampton Corporation to serve the Council's four houses at Binley became polluted, possibly by the effluent from the small sewage disposal plant serving the same houses. This supply will soon be replaced by a mains supply.

The possibility of asking for a mains supply to serve the Berrydown, Ashe area was investigated but the cost proved prohibitive.

Private Supplies

Ten private supplies were sampled during the year and all but one found to be polluted. Remedial work, advised by the Public Health Inspectors, resulted in perfect samples being obtained from five of these supplies, serving a total of 23 properties.

Another, a well serving 1 house, appeared to be polluted at source and the owner is considering the installation of a bacteriological filter. Two others were replaced by mains water and the last by an estate supply.

Pollution to two supplies was caused by dead squirrels, one by a dead bird and another was caused by flooding.

In all, 58 samples were taken as follows :-

	Taken	Satisfactory	Unsatisfactory
Private supplies	44	26	18
Public supplies	10	9	1
Other water samples	4	3	1
Totals :	58	38	20

The "other water samples" were taken from a dairy as part of the investigation into unsatisfactory reports on washed bottles.

Swimming Baths

There are swimming baths at eight schools in the District. Two at private schools and six at County Council schools. All are of the open air type.

During the season, approximately April to October inclusive, dependant on weather conditions, bacteriological samples were taken every other week. Two samples are taken from each bath on each occasion, one from the water inlet end and one from the outlet end.

The results of the samples taken from swimming baths were as follows :-

School	Taken	Satisfactory	Suspicious	Unsatisfactory
Burghclere Junior	22	20	2	0
Burnham Copse Junior	28	19	6	3
Cheam	10	7	3	0
Horris Hill	10	8	1	1
Hurst Secondary Modern	18	10	7	1
Overton (Lordsfield)	18	18	0	0
Tadley Green	16	13	3	0
Whitchurch	18	18	0	0
Totals :	140	113	22	5

The only two pools to give any real trouble were Burnham Copse and Hurst. Advice was given to the persons responsible in both cases.

It is understood that new instructions have been issued to County Council school caretakers and an instruction course is to be run.

NOISE ABATEMENT

Complaints were received about the noise caused by grass drying equipment being developed in the area. Re-positioning of the equipment was sufficient to abate the nuisance, but finally the Company went out of business.

PREVENTION OF DAMAGE BY PESTS ACT, 1949

The details of the year's work as sent to the Ministry of Agriculture, Fisheries & Food and the North Hants Pest Control Committee are as follows :-

		Type of Property	
		Non-Agricultural	Agricultural
1.	Number of properties in district	10,470	814
2.	(a) Total number of properties inspected following notification	1,347	83
	(b) Number infested by (i) Rats	818	60
	(ii) Mice	39	0
3.	(a) Total number of properties inspected for rats and/or mice for reasons other than notification	46	32
	(b) Number infested by (i) Rats	6	1
	(ii) Mice	0	0

Warfarin resistance has been proved to exist in the Tadley area and there is no doubt this will spread. This means that acute acting poison, such as zinc phosphide, must be used.

ATMOSPHERIC POLLUTION

One application for approval of a chimney height was received and this was awaiting Council approval at the end of the year.

Notifications were received from the County Council regarding the installation of new boiler equipment at schools.

ASSOCIATION OF PUBLIC HEALTH INSPECTORS

The Association has produced its seventh report on the Environmental Health of the Country. Figures are submitted by Chief Public Health Inspectors for the majority of districts, including this area. The report may be borrowed from the Chief Public Health Inspector.

Prescribed Particulars on the Administration of the Factories Act, 1961

PART I OF THE ACT

1 - INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors)

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(1) Factories in which Section 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	5	1	-	-
(2) Factories not included in (1) in which Section 7 is enforced by the Local Authority	60	37	6	-
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	-	-	-	-
Total	65	38	6	-

Number of out-workers employed in the District is 2. Both do work in Class 1 - making of wearing apparel.

2 - CASES in which DEFECTS were found :-

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred		
			To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1)	1	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary conveniences (S.7)					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	9	1	-	1	-
(c) Not separate for sexes	1	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	7	-	-	-	-
Total	18	1	-	1	-

N.B. The majority of the entries in column 2 were found within the last week of 1971.

LIBRARY AND TROPICAL